00+T20"80SE0560

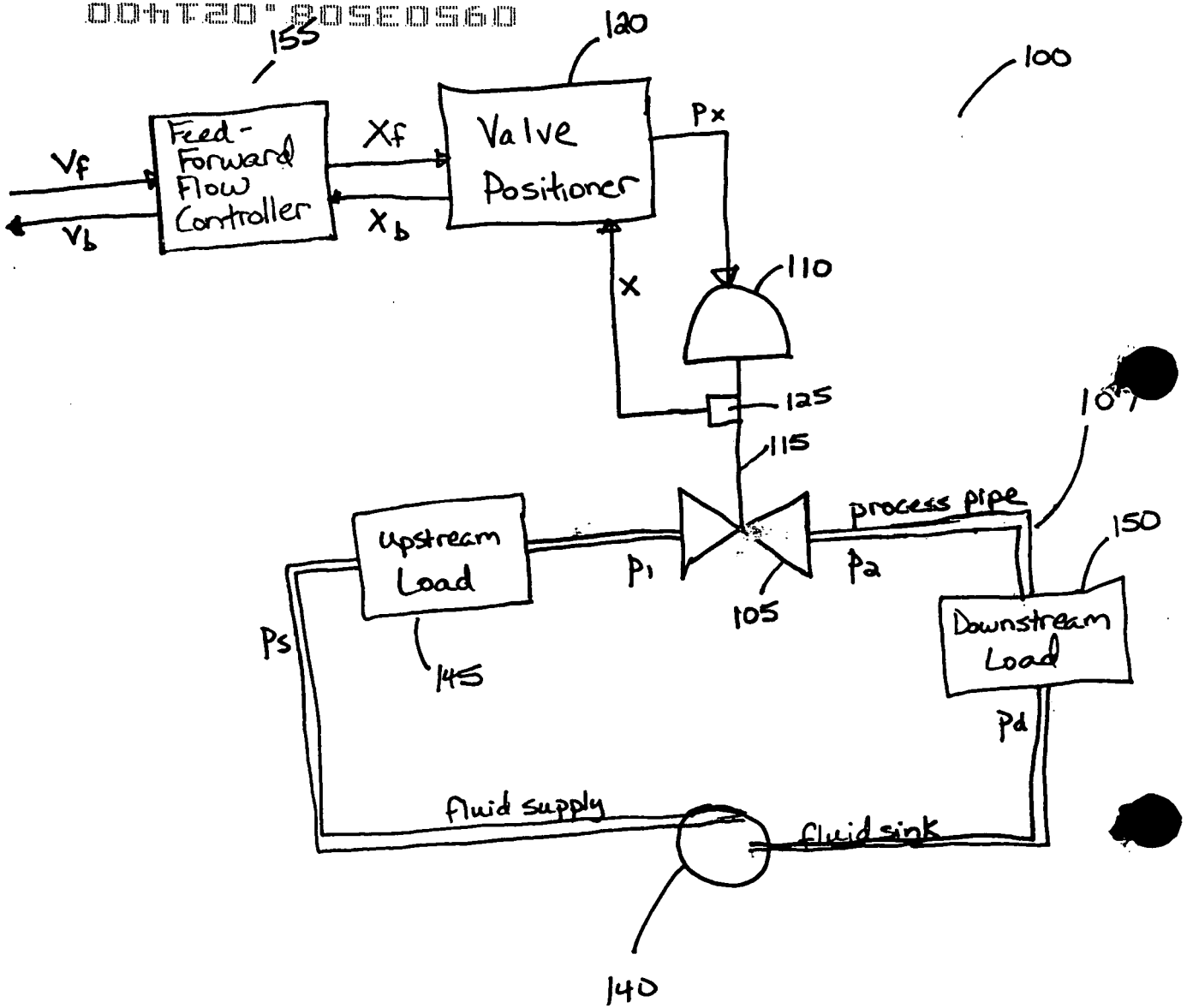
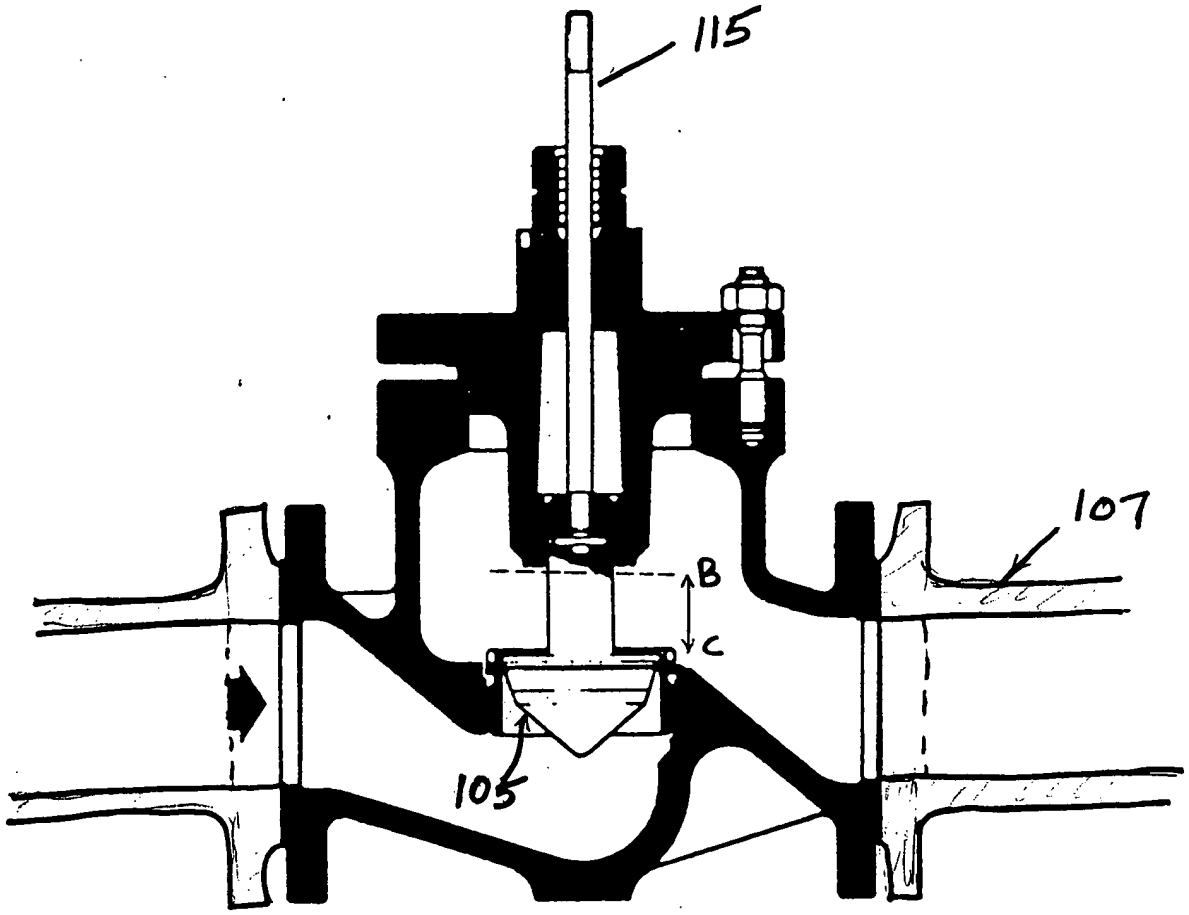


Fig. 1

0050350 02/14/00



C: flow path fully closed

B: flow path fully open

Fig. 2

Doc ID: 8055003 Type: Grant Recorded: 10/25/2011

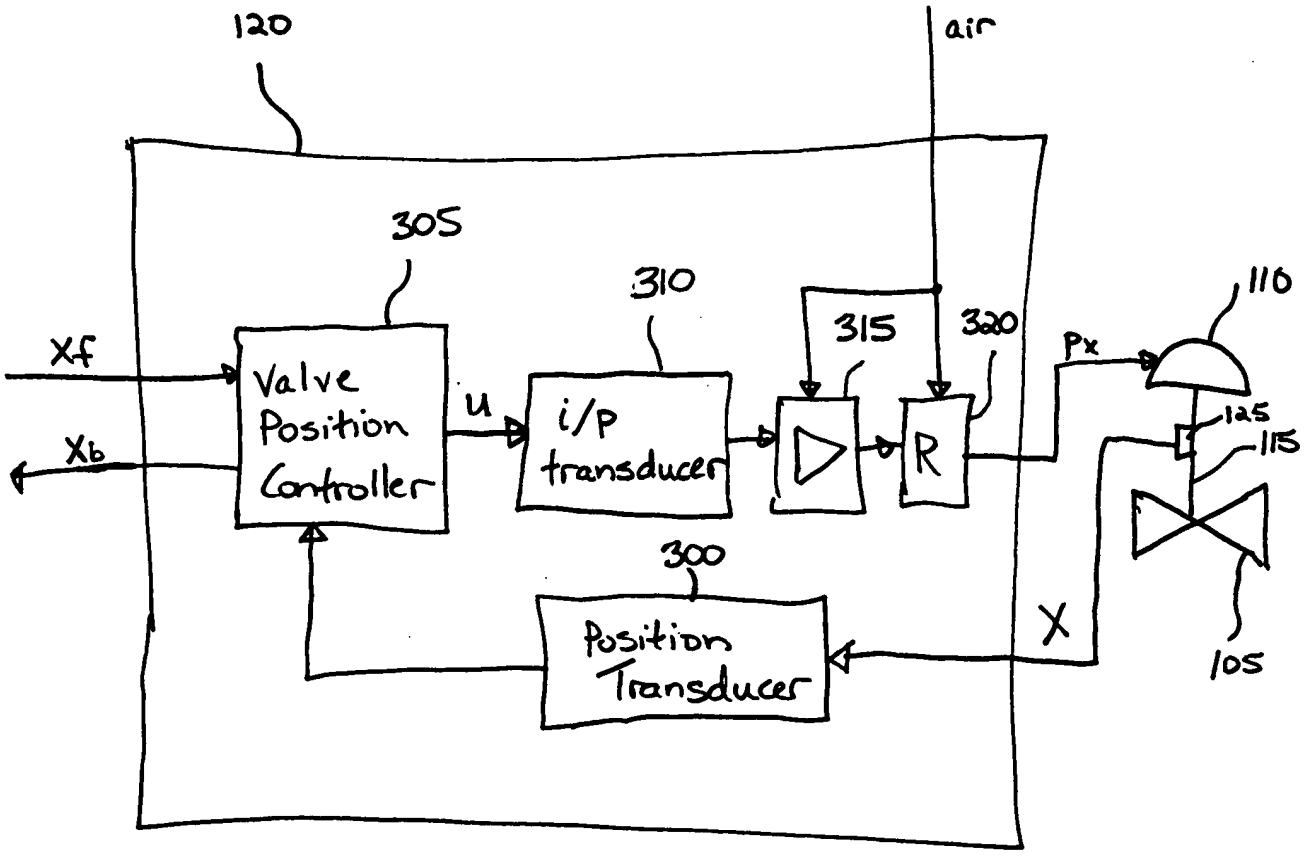


Fig. 3

00h:20'80SE0560

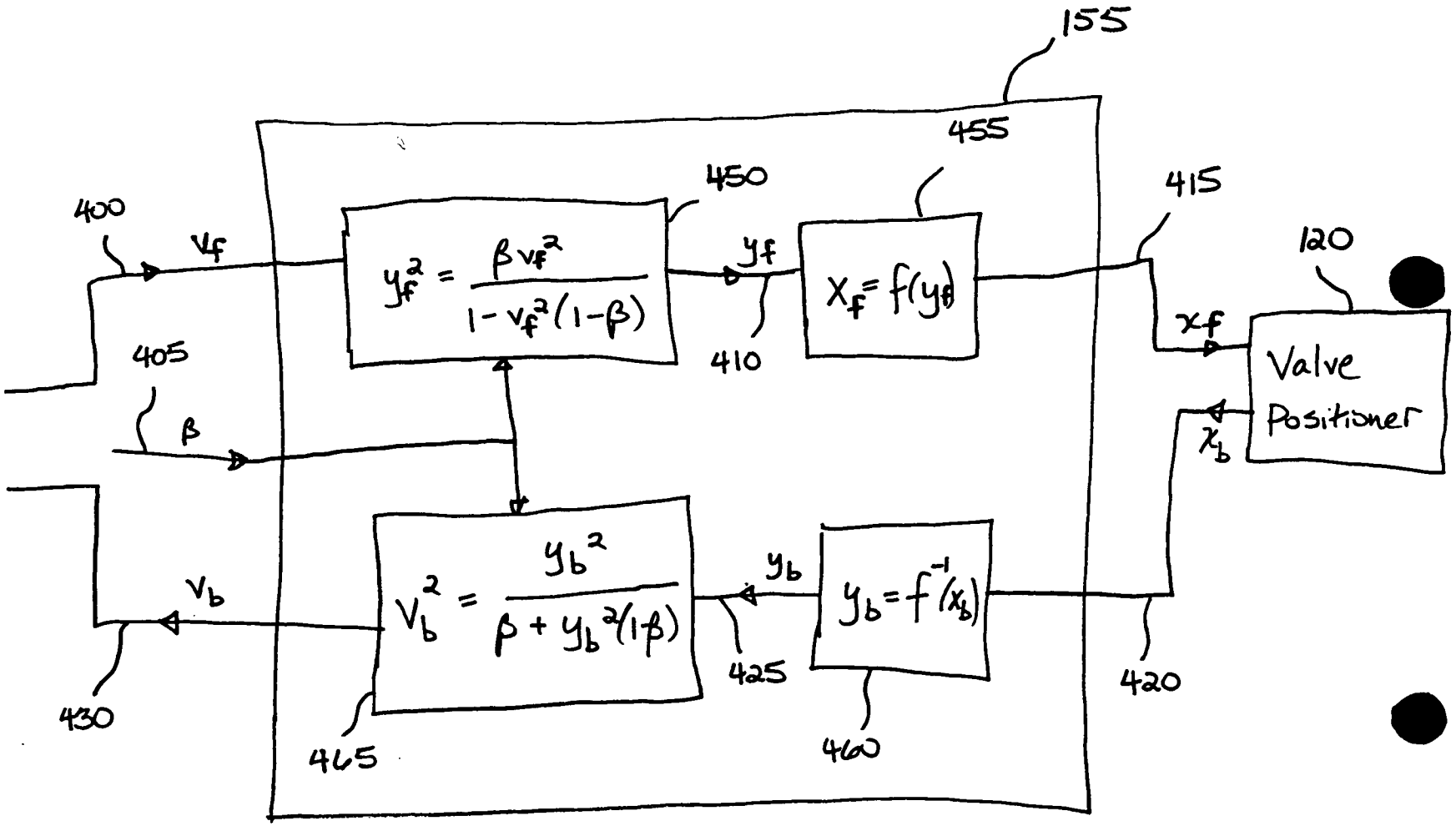


Fig. 4

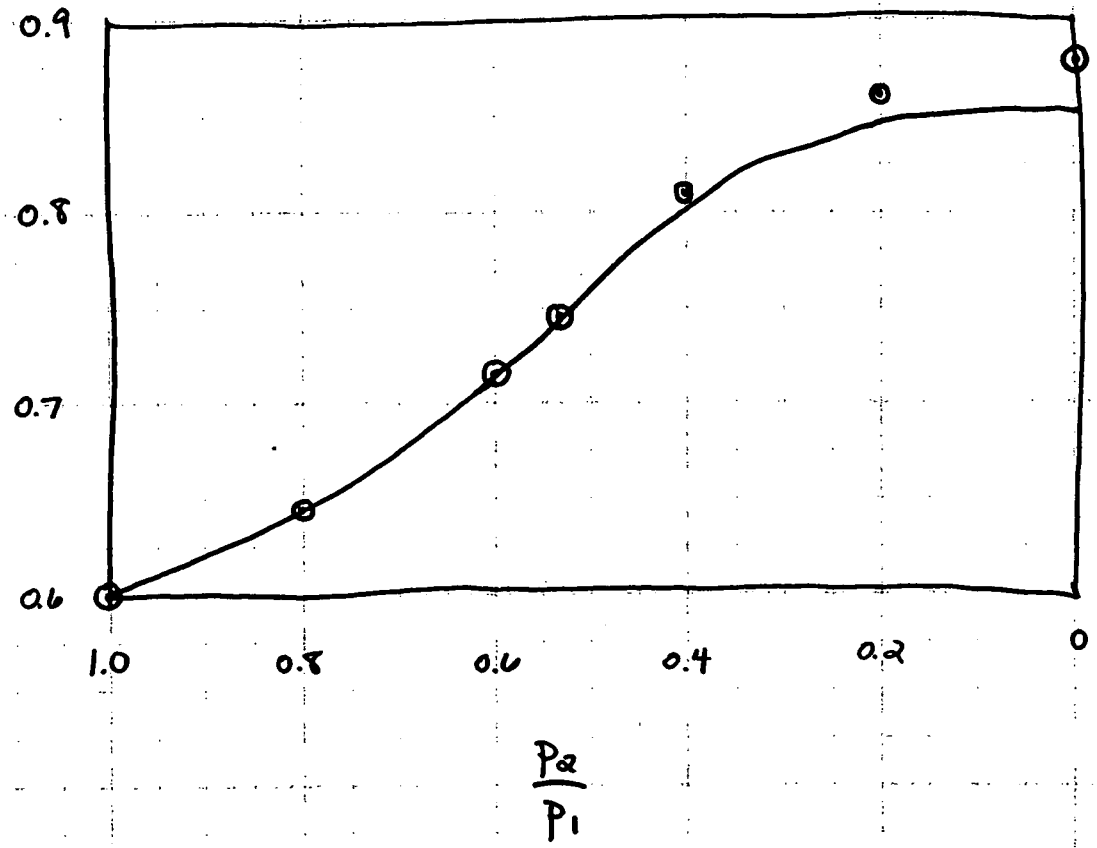
00h120" 30SE0560

F/Mass Flow Rate)

determined by:

⊙ Isothermal gas flow, theoretical 510

—— Shapiro, experimental 505



500

Fig. 5

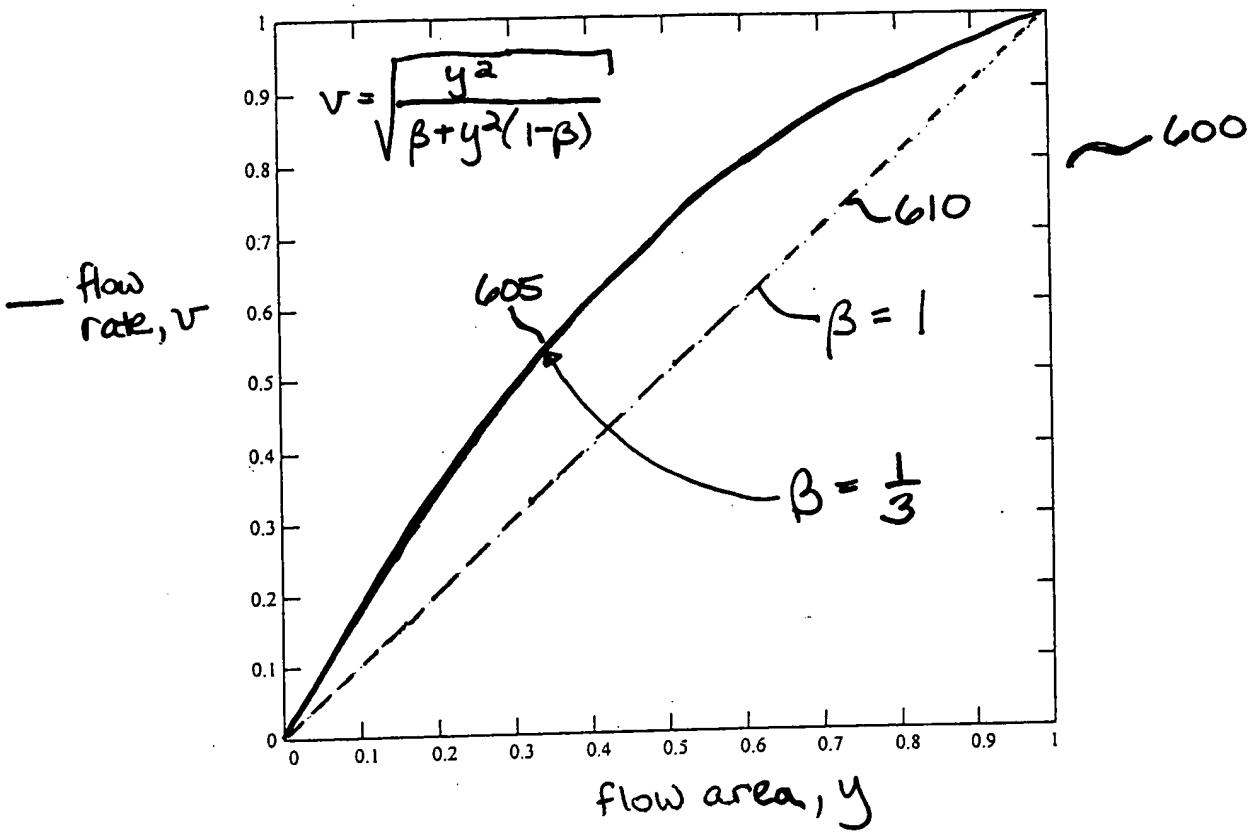

$v = \frac{y^2}{\sqrt{\beta + y^2(1-\beta)}}$
600
610
605
$\beta = 1$
$\beta = \frac{1}{3}$
flow rate, v
flow area, y
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

Fig. 6